

L 45956-66

ACC NR: AP6018454

the equilibrium distribution. Relative population inversion and change with radial distance is explained by the collisions of a second kind between hydrogen and argon atoms. The authors also note the interesting result that not only does simple inversion occur, but also at lower densities the condition for light amplification

$$n_5 > \frac{g_5}{g_4} n_4$$

(where g_4 , g_5 are statistical weights of levels 4 and 5) is satisfied. Orig. art. has: 1 figure, 2 tables.

SUB CODE: 20/ SUBM DATE: 21Dec65/ OTH REF: 002

Card 2/2 blg

IL'INA, Ye.Ya.

Effect of manganese on the productivity and yield of
alfalfa hay seeds. Zap. Sverd. otd. VBO no. 2 89-94 '62.
(MIRA 16:8)

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510014-5

IL' NA, Ye.Ya.

Seasonal and age-related dynamics of shoot formation in blue
hybrid alfalfa. Zap. Sverd. otd. VBO no.3:141-147 1964
(NIRA 18:2)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510014-5"

IL'INA, Ye.Ya.

Morphological nature and age-conditioned changes in the
tillering section of the blue-hybrid alfalfa. Bot. zhur. 49
no.5:685-689 My '64. (MIRA 17:8)

1. Ural'skiy gosudarstvennyy universitet, Sverdlovsk.

IL'INA, Ye.Ya.; PROKHA, P.G.

Seasonal and age related changes in the leaf size of blue alfalfa hybrids. Nauch.dokl.vys.shkoly; biol.nauki no.4:127-128 '65.

(MIRA 18:10)

1. Rekomendovana kafedroy botaniki Ural'skogo gosudarstvennogo universiteta im. A.M.Gor'kogo.

NOVITSKIY, K.Yu.; VOLKOV, V.P.; IL'INA, Yu.M.; YUR'yEV, Yu.K.

Furan series. Part 25: Oxidative cleavage of 2,5-disubstituted furans.
Zhur. ob. khim. 33 no.4:1145-1149 Ap '63. (MIRA 16:4)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Furan) (Oxidation)

USSR/Chemistry - Fermentation
Hydrolysis, Inversion

Jul/Aug 49

"Factors Affecting the Speed of Fermentation Processes and the Action of Ferments," P. V.
Afanas'yev, Yu. N. Il'ina, Inst of Biochemistry imeni A. N. Bash, Acad Sci USSR, 13 pp.

"Iz Akad Nauk SSSR, Ser Biol" No 4

Shows that the speed of sucrose inversion hydrolysis and the activity of the ferment depend, respectively, on the ferment concentration and the substrate concentration. Explains the influence of hydrogen ion concentrations, salts, denatured substances and temperature on the speed. Shows the kinetic relations selected to explain the influence of various factors on the speed of ferment processes and the activity of ferments to be applicable.

PA 1/50T23

CA. IL'INA, YU.N.

Determination of concentration and activity of enzymes.
P. V. Almaza'yev and Yu. N. Il'ina (A. N. Bakh Biochim. Inst., Acad. Sci. U.S.S.R., Moscow). Izv. Akad. Nauk S.S.R., Ser. Biol. 1959, No. 4, 20-30.—The generally used methods for detn. of enzyme concn. used in enzymology are shown to be inadequate by math. analysis of the kinetics of the reactions involved. The data of conversion extent over fixed periods of time, i.e. av. reaction rate, cannot give correct relation between reaction rate and concn. of enzyme. The use of differentials to express instantaneous rates is discussed as the only suitable precise method of activity and concn. detn. Analysis of inactivation in this manner showed clearly that in thermal inactivation the residual enzyme retains activity fully equal to that of the original specimen. As temp. is raised from 25° to 65° enzyme activity decreases, as does the retardation of reaction by the products of the reaction. (I. M. Kostyukoff)

CA LIMA, J.N.

16

Effect of sucrose concentration on the activity of invertase. *Zhur. Sver. Akad. Nauk S.S.R. 71, 385-7 (1959).* ...Inversion of sucrose at 05° and pH 0.7 (acetate buffer) was followed for 2-20% initial sucrose concn. with 20×10^{-3} to 17×10^{-3} concn. of yeast invertase. The results, given graphically, are a family of straight lines when the rate of hydrolysis is plotted against the enzyme concn., and the dependence of invertase activity on sucrose concn. is linear given by $A = (1/bS) + (2/b)$, where A is enzyme activity and S is sucrose concn. At low sucrose concn. the activity is low, but this rises rapidly with increased substrate concn. and tends to a limiting value at high concns. The values of the constants are not stated.
G. M. Kondapalli

CA ILIWA, YU.N.

11A

Temperature optimum of invertase activity. P. V. Almaviv and Y. N. Iliwa. *Doklady Akad. Nauk S.S.R.* 75, 71-3 (1950); *O. C. A.* 44, 679. —The optimum character of the dependence of the rate of enzymic reaction on temp.

is not caused by thermal inactivation of the enzyme; the latter merely obscures the optimum character of the dependence that is dictated by kinetic peculiarities of the particular reaction. If the rate equation for invertase (*C. A.* 44, 7526a) is combined with the expression for unimol. thermal inactivation, it is shown that at $t = 0$ (i.e. at initiation of the reaction) thermal inactivation does not affect the rate of the enzymic reaction and comparison of the initial reaction rates in invertase-unimol. systems at various temps. (shown graphically from 10° to 70°) in acetate buffer at pH 4.68 still displays a max. of reaction rate at 60°, although the shape of the curve is somewhat different from that obtained by the usual plot of the total amt. of conversion per unit of time vs. temp. Logarithmic plot of initial reaction rates vs. $1/T$ give linear dependence only at low temps., while at moderate temp., a sharp deviation is observed and the curve shows a sharp min. The results cannot be explained by mere thermal inactivation of the active principle. O. M. Koutepoff

TALMUD, B.A.; IL'INA, Yu.N.; AFANAS'YEV, P.V.

Quantitative determination of protein from the catalytic
action of copper of the biuretic complex. Dokl. AN SSSR
154 no.4:963-966 F '64. (MIRA 17:3)

1. Institut biokhimii im. A.N. Bakha AN SSSR. Predstavleno
akademikom A.I. Oparinym.

AL'INA, Yu.K.; TALMUD, B.A.; ASAFAS'YEV, I.V.

Determining microquantities of cysteine and glutathione by iodide
persulfate reaction. Prikl. biokhim. i mikrobiol. 1 no.3:352-355
My-Je '65.
(KIR: 18:7)

1. Institut biokhimii imeni Bakha AN SSSR.

KELDYSH, M.V., akademik; FEDOROV, Ye.K., akademik; ARTSIMOVICH, L.A., akademik; SISAKYAN, G.M., akademik; GOREKIY, I.I.; LIFSHITS, Ye.M.; SHAL'NIKOV, M.I.; TIKHONOV, I.H.; ALEXEYEVSKIY, N.Ye.; VAYNSHTEYN, L.A.; PALKIN, A.V., akademik; SATFAYEV, A.I., akademik; AMBARTSUMYAN, V.A., akademik; LUFREVICH, V.F.; MUSTAFISHVILI, N.I., akademik; KARAPETYEV, Y.K.; MUSTEL', B.R.; MASEVICH, G.G., doktor fiz.-matem.nauk; EFRONI, B.M.; MARYANOV, D.Ya., prof.; GRIGOR'YEV, A.A., akademik; MAROV, N.K., prof.; COLOVSKA, A.G., prof.; FILATOVA, L.G., prof.; FEYVE, Ya.V.; SEMIKHATOV, B.N., prof.; TITOV, A.G.; RYCHAGOV, G.I.; BARSHEVA, V.P.; VLASOVA, A.A.; BARANOVA, Ye.P.; KIBARDINA, L.A.; ISACENKO, A.F.; IL'INA, Yu.E.; DANILOV, A.I., prof.; FLAUME, K.K.; NECIPAYEVA, T.N., prof.; CHEPER, L., doktor; SZANTO, Ladislav, akademik; BELACHUK, Yozef; FABRICK, V'YEN; ZIGENSON, M.S., prof. (L'vov); STARKOV, N.; AEROMOVICH, Yu.; VOSKRESENSKIY, V.; KROPACHEV, A.; REZVOY, D., prof., (L'vov); KONDRADEV, V.N., akademik; LEEBEDINSKIY, V.I., kand.geol.-mineral.-nauk; YANSHIN, A.L., akademik

"Priroda" is 50 years old. Priroda 51 no.1:3-16 Ja '62.
(MIR 15:1)

1. Prezident AN SSSR (for Keldysh). 2. Glavnyy uchenyy sekretar' Prezidiuma AN SSSR (for Fedorov). 3. Akademik-sekretar' Otdeleniya fiziko-matem.nauk AN SSSR (for Artsimovich). 4. Akademik-sekretar' Otdeleniya biologicheskikh nauk AN SSSR (for Sisakyan). 5. Chlen-korrespondent AN SSSR, zamestitel' akademika-sekretarya Otdeleniya

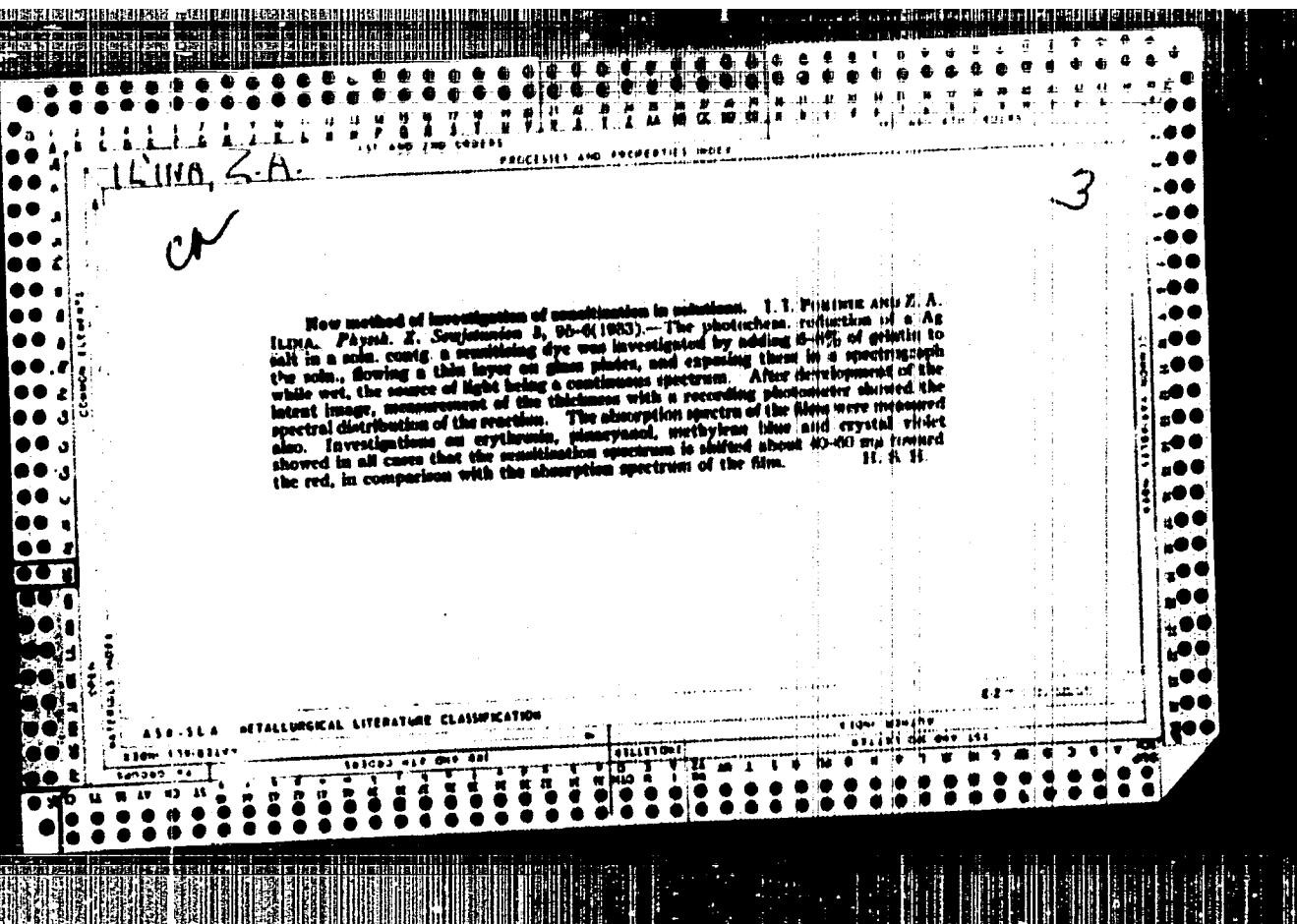
(Continued on next card)

IL'INA, Yu. V.

IL'INA, Yu. V.

Subspecies of the *Anopheles maculipennis* population in Astrakhan
Province. Med.paraz. i paraz.bol.supplement to no.1:13-14 '57.
(MIRA 11:1)

1. Iz byvshay Astrakhanskoy oblasty protivomalyaryny stantsii
(ASTRAKHAN PROVINCE--MOSQUITOES)

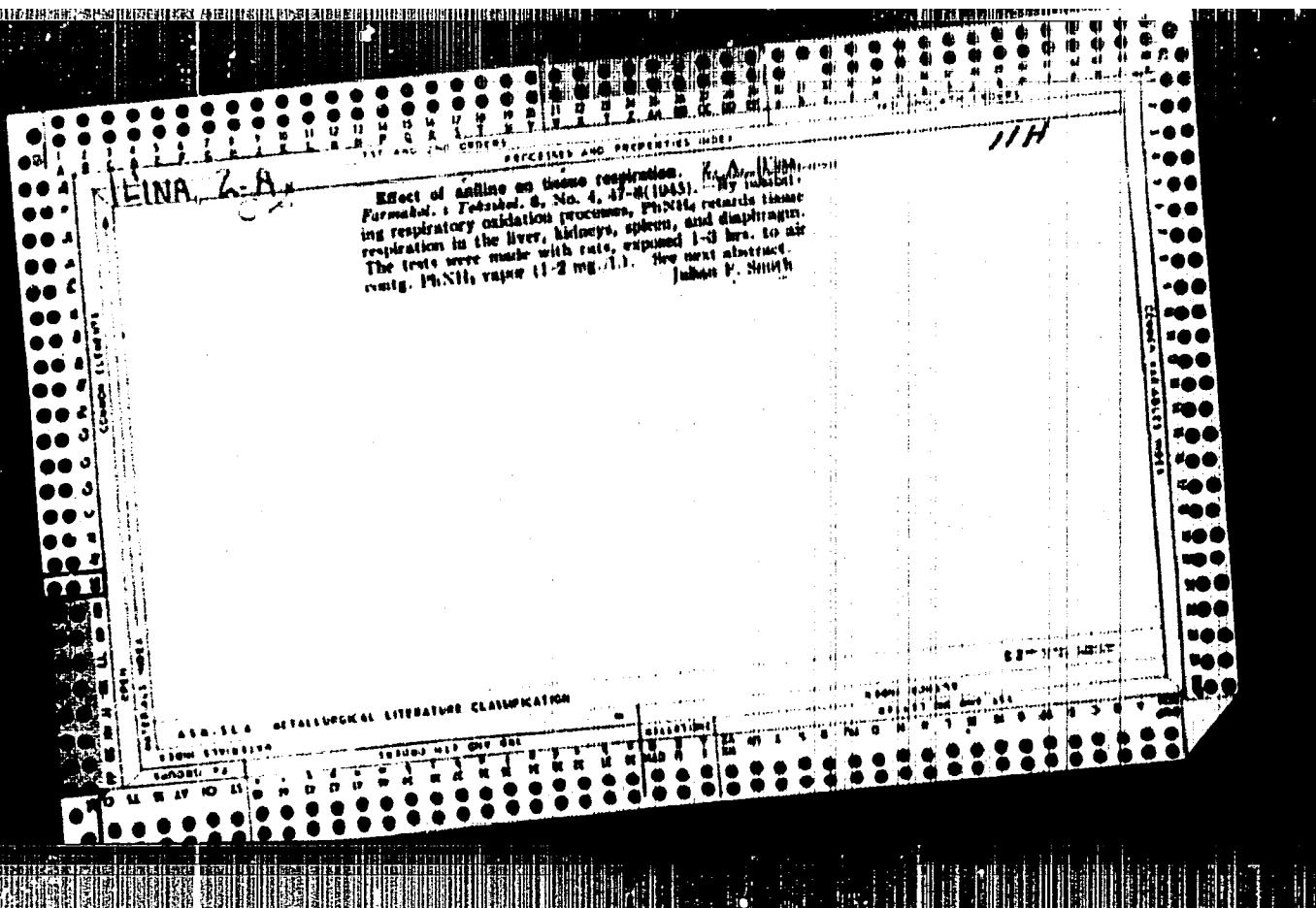


*CA**ILINA/Z.A.*

Investigations in the region of optical sensitization of silver halides. IV. The chain mechanism of the optical sensitization of silver bromide. Ye. I. Bohnik and Z. A. Ilina. *Zh. Fiz. Khim.* U. R. S. S. R. 30(3):941(1935). The sensitization of colloidal sols. of AgBr in water by erythrosin was studied. The data are expressed by the equation $\gamma = A + \frac{S}{x}$, in which γ = const. of Ag granulated, A = const., x = const. of adsorbed dye and S = no. Ag atoms produced/mol. of dye sensitized. S depends on the pH and is directly proportional to the time of exposure. Relative values of S at pH 7.8 and 8.0 are 13.2 and 4.15, resp. It was impossible to rule the size of the solute (14 nm)

(M. B. Hough)

4. METALLURICAL LITERATURE CLASSIFICATION



IL'INA, Z.A.

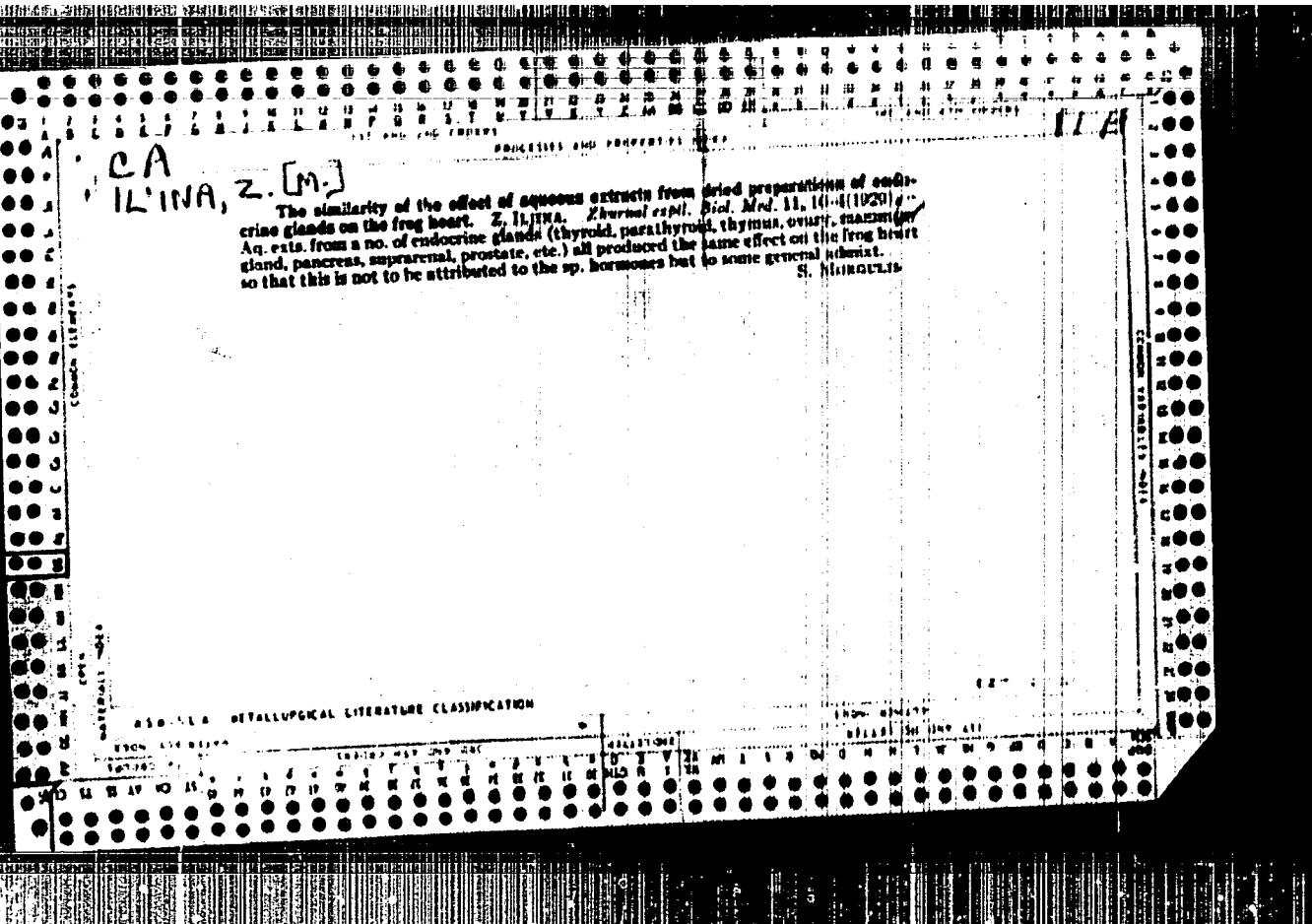
Treatment of hypertension patients with serpasil. Gip.bol. no.5:
167-174 '58. (MIRA 13:5)
(HYPERTENSION) (RESPIRATION)

VINOGRADOV, V.V., tekhn.; IL'INA, Z.F., st. tekhn.; KAPRALOV, B.A., st. inzh.;
PONIZOVKIN, A.N.; BEUSYANTSEV, N.T., kand. tekhn. nauk; KOVAL'CHEUK,
V.P., kand. tekhn. nauk.; NOVIKOVA, A.I., inzh.; RUKETS, D.A., kand.
tekhn. nauk.; RYTCHENKO, V.I.; SHURKINA, V.S., st. tekhn.;
MAL'KOVA, N.V., tekhn. red.

[Concise automobile handbook] Kratkiy avtomobil'nyi spravochnik.
Moskva, Nauchno-tekhn. izd-vo avtotransportnoi lit-ry, 1958. 449 p.
(MIRA 11:10)

1. Moscow. Gosudarstvennyy nauchno-issledovatel'skiy
institut avtomobil'nogo transports. 2. Nauchno-issledovatel'skiy
institut avtomobil'nogo transporta (for all except Mal'kova). 3. Nachal'nik
laboratori gruzovykh avtomobiley Nauchno-issledovatel'skogo instituta
avtomobil'nogo transports (for Ponizovkin). 4. Nachal'nik laboratori
elektrooborudovaniya Nauchno-issledovatel'skogo instituta avtomobil'nogo
transports (for Rytchenko).

(Automobiles--Handbooks, manuals, etc.)



IL'INA, Z. M.

158T37

USSR/Medicine (Vet) - Transmitters of
Infectious Diseases

51

"Isolation of the Causative Factor of Swine Erysipelas From the Organism of the Lice Haematopinus suis L.," Z. M. Il'ina, Jr Sci Assoc, Omsk Sci Res Vet Inst

"Veterinariya" Vol XXVIII, No 6, p 57

An emulsion was prepared from Haematopinus suis L. removed from young pig having septic form of B. rhusiopathiae suis and carrying virulent culture of it in the blood. White mice could be infected with this emulsion, and the infection transferred with fatal result to pigeons and mice. It follows that lice may be capable of transmitting swine erysipelas.

LC

USSR / Microbiology. Microorganisms Pathogenic to Humans and
Animals.

I-5

Abs Jour : Ref Zhur - Biol., No 20, 1958, No. 90891

Author : Il'ina, Z. I.
Inst : The Siberian Veterinary Scientific Research Institute
Title : A Rapid Method for the Differential Diagnosis of the
Causative Agents of Listeria and Bacillary Swine Ery-
sipelas

Orig Pub : Byul. nauchno-tekhn. inform. Sibirok. n.-i. in-t, 1957,
No 2, 23-24

Abstract : No abstract given

Card 1/1

44

IL'INA, Z.M.

IL'INA, Z.M., kand. vet. nauk.

Quick methods for the differential diagnosis of the causative agents
of listerellosis and bacillary erysipelas in swine. Veterinariia 34
no.10:71 O '57. (MLRA 10:11)

1. Sibirskiy nauchno-issledovatel'skiy veterinarnyy institut.
(Swine--Diseases and pests)
(Listerella) (Erysipeloid)

"Aetiology of infectious atrophic rhinitis in pigs."

Veterinariya, Vol. 37, No. 7, 1960, p. 33

Gaud. Vet. Sci - Siberian Sci-Acad. Vet. Inst.

IL'INA-KAKUYEVA, T.B.

IL'INA-KAKUYEVA, T.B.: "Experimental investigation of the distribution of metal on a cathode". Moscow, 1955. Acad Sci USSR, Inst of Physical Chemistry. (Dissertations for the Degree of Candidate of Chemical Sciences).

SO: Knizhnaya letopis' No 45, 5 November 1955. Moscow.

VAGRAMYAN, Ashot Tigranovich; IL'INA-KAKUYEVA, Tat'yana Borisovna;
SEMIN, V.M., redaktor; KAMAYEVA, O.N., Redaktor; MTOPOVICH,
M.K., tekhnicheskiy redaktor

[Current distribution on surface electrodes during electro-
deposition of metals] Raspredelenie toka na poverkhnosti
elektrodov pri elektroosazhdennii metallov. Moscow, Gos.nauchno-
tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1955.
66 p. (MIRA 9:3)

(Electroplating)

IL'INA - KAKUYEVA, Ye.I.

Histochemical studies on the cholinesterase activity of neural elements and of the conduction system of the heart [with summary in English].
Biul.eksp. biol. i med. 46 no.10:113-116 O '58 (MIRA 11:11)

1. Iz laboratorii chastnoy farmakologii (zav. -deystvitel'nyy chlen AMN SSSR V.V. Zalusov) Instituta farmakologii i khimioterapii (dir. - deystvitel'nyy chlen AMN SSSR V.V. Zalusov) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR V.V. Zalusovym.
(HEART, innervation
cholinesterase in nerves & conduction system, histochem.
determ. (Rus))
(CHOLINESTERASE, metab.
heart nerves & conduction system, histochem. (Rus))

IL'INA-KAKUYEVA, Ye. I.

Comparative histochemical study of the nuclei of specific systems and the reticular formation of the brain in a number of mammals. Biul. eksp. biol. i med. 55 /i.e.56/ no.16:100-105
0*63 (NIIRA 17*8)

1. Iz laboratori biogistokhimi! (zav. - prof. V.V. Portugalov)
Instituta mozga (dir. - deyствител'nyy chlen ANN SSSR B.A. Sarkisov)
ANN SSSR, Moskva. Predstavlena deyствител'nym chlenom ANN SSSR
I.N. Filimonovym.

IL'INA-KAKUYEVA, Ye.I.

Distribution of the succinic dehydrogenase and DPM-diaphorase in the
reticular brain formations of some mammals. Dokl. AN SSSR 152
no.5:1267-1269 O '63. (MIRA 16:12)

1. Institut mozga AMN SSSR. Predstavлено академиком V.N.
Chernigovskim.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510014-5

IL'INA-MARKOSYAN, L. V.

26651 Dinamika razvitiya zubiykh dug. Stomatologiya, 1949, No. 3 p. 54-57

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510014-5"

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510014-5

BININA, B. N.; VASILYEV, M. Ye.; GROZORSKIY, A. L.; ILINA-MARKOSYAN, L. V.
M. S.
ILINA-MARKOSYAN, L. V.

"Techniques of Dental Prosthetics," 1951.

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510014-5"

IL'INA-MARKOSYAN, L. V.

Medicine

Dental and maxillary prosthesis in children. Moscow, Medgiz, 1951. Izd 2.

Monthly List of Russian Accessions, Library of Congress, June 1952 Unclassified.

IL'INA-MARKOSYAN, L. V.

Tongue - Ulcers

Healing of an ulcer of the tongue in a child with the aid of a removable bitegag.
Stomatologiya No. 2 1952.

Monthly List of Russian Accessions, Library of Congress October 1952 Unclassified.

VASIL'EV, M.Ye.; GROZOVSKIY, A.L.; IL'INA-MARKOSIAN, L.V.; TISSENRAUM, M.S.
[authors]; PEVZNER, A.M. [reviewer].

"Techniques of dental prosthesis." M.E.Vasil'ev, A.L.Grozovskii, L.V.
Il'ina-Markosian, M.S.Tissenbaum. Reviewed by A.M.Pevzner. Stomatologija
no.4:59-61 Jl-Ag '53.
(Teeth, Artificial) (Vasil'ev, M.E.) (Gromovskii, A.L.)

IL'INA-MARKOSYAN, L.V., kandidat meditsinskikh nauk.

Traumatic injuries of the teeth in children. Stomatologiya no.3:
49-52 My-Je '54.
(TRAUMA, wounds and injuries,
*in child.)
(WOUNDS AND INJURIES,
*teeth, in child)

IL'INA-MARKOSYAN, L.V., dotsent

Indications for repairing malocclusions of the deciduous teeth;
concerning the article by Candidate of Medical Sciences IA. S.
Khurgina. Stomatologija 35 no.4:42-48 Jl-Ag '56 (MLRA 10:4)
(JAWS--ABNORMALITIES AND DEFORMITIES)
(KHURGINA, IA.S.)

IL'INA-MARKOSIAN, L.V., dots.

Orthopedic treatment for children in congenital cleft palate.
Stomatologiya 37 no.4:61-63 Jl-Ag '58 (MIRA 11:9)

1. Iz kafedry chelyustno-litsevoy khirurgii i stomatologii (sav. -
prof. N.M. Mikhel'son) TSentral'nogo instituta usovershenstvovaniya
vrachey (dir. V.P. Labedeva) i TSentral'nogo instituta travmatologii i
ortopadii (dir. - prof. N.N. Priorov).
(PALATE, CLEFT)

~~EX-114-2446-1~~
IL'INA-MITKEVICH, L.V.; SHLEVYAKOV, L.D., red.; POLSSITSKAYA, B.M., tekhn.red.

Aleksandr Onisimovich Spivakovskii. Pod red. L.D.Shlevyakova.
Bibliografiia sost. L.V.Il'inoi-Mitkevich. Moskva, 1958. 43 p.
(Materialy k biobibliografii uchenykh SSSR. Seriya tekhnicheskikh nauk. Gornoe delo, no.6) (MIRA 11:3)

1. Akademiya nauk SSSR.
(Bibliography—Spivakovskii, Aleksandr Onisimovich, 1888-)

VASIL'YEV, M.Ye.; GROZOVSKIY, A.L.; IL'INA-MARKOSTAN, I.V.; FISSENBALM,
M.S.; BYNIN, B.N., prof.; TSITRIN, D.N., red.; SEMENCHIKO, T.K.,
tekhn.red.

[Prosthetic dentistry; a textbook for students of dentistry and
prosthetic dentistry] Zuboproteznaia tekhnika; uchebnik dlia
uchashchikhsia zubovrachebnykh i zubotekhnicheskikh uchilishch.
Izd. 5., ispr. i dop. Moskva, Gos. izd-vo med. lit-ry, 1958.
495 p. (MIRA 12:1)

(TEETH, ARTIFICIAL)

IL'INA-MARKOSYAN, L.V., dotsent

Gross bite a lateral displacement of the lower jaw. Stomatologija
38 no.5:44-48 S-0 '59. (MIRA 13:3)

1. Iz knfedry chelyustno-litsevoy khirurgii i stomatologii (zavedu-
yushchiy - prof. N.M. Mikhel'skon) Tsentral'nogo instituta usover-
shenstvovaniya vrachey (direktor M.D. Kovrigina) i Tsentral'nogo
instituta travmatologii i ortopedii (direktor - prof. N.N. Priorov).
(JAWS--ABNORMALITIES AND DEFORMITIES) (TENTH)

OMEL'CHENKO, Nikolay Andreyevich, kand. med. nauk; IL'INA-MARIOSYAN,
L.V., red.; LYUDKOVSKAYA, N.I., tekhn. red.

[Stammering and its connection with anomalies of the maxillo-dental system and with hearing] Kosnoiazychie i ego sv'язи с
anomaliami zubocheiliustnoi sistemy i sluchkom. Moskva, Medgiz,
1961. 119 p.

(NIIKA 15:1)

(STAMMERING)

IL'INA-MARKOSYAN, L.V., dotsent

Morphological changes in the structure of the jaw bones in rickets.
Stomatologija 40 no.3:75-78 My-Je '61. (MIRA 14:12)

1. Iz kafedry stomatologii (zav. - prof. I.M.Starobinskij) i Sentral'nogo
instituta usovershenstvovaniya vrachey (dir. M.D.Komrigina) i
Sentral'nogo instituta travmatologii i ortopedii (dir. - prof. N.N.
Priorov).
(RICKETS) (JAWS...DISEASES)

JUINA-MANGOLAN, L.V., doktor med. наук

Prevention and treatment of deep bite in the early stages of its
development. Trudy TSIU 64,220-227 '63. (MRA 17:5)

UZHUMETSKENE, Irena Ionovna; IL'INA-MARKOSYAN, L.V., PhD.

[Orthodontic treatment of adults before the application
of prosthesis] Ortodonticheskoe lechenie vzcroslykh pered
protezirovaniem. Moskva, Meditsina, 1965. 136 p.
(NIMA 16:9)

BARATS, S.S., kandidat meditsinskikh nauk; IL'INA-PETROVA, S.I.; SHUSHAKOV, A.P.

Morbidity among the professors and instructors in the schools of higher learning. Sov.zdrav. 15 no.5:49-50 8-0 '56. (MIRA 10:1)

1. Iz mediko-sanitarnoy chasti Ural'skogo politekhnicheskogo instituta imeni S.M.Kirova (Nauchnyy konsul'tant - prof. R.P.Kushlevskiy, glavnyy vrach S.S.Il'ina-Petrova)

(VITAL STATISTICS

morbidity among professors & instructors in universities in Russia)

(TEACHERS, dis.
some)

ROZHDESTVENSKIY, V.P.; IL'INA-VESELOVA, M.V.

Kinetics of the catalytic conversion of a methane-hydrogen mixture with water vapor. Zhur.prikl.khim. 34 no.8:1834-1841
(MIRA 14:8)
Ag '61.

1. Saratovskiy nauchno-issledovatel'skiy institut po ispol'sovaniyu gaza v narodnom khozyaystva "GIPRONIIGAZ" i Saratovskiy gosudarstvennyy universitet imeni N.G. Chernyshevskogo.
(Methane) (Water vapor) (Catalysis)

MILLION, Melvin Guy, 1893- [author]; IL'INAYA, A.A.; VASHEVSKIY, Ya.M. [translators]; SHPOL'SKIY, E.V. [redaktor].

[Absorbtion spectroscopy; collection of articles] Absorbtionnaya spektroskopija; sbornik statej. Perevod s anglijskogo A.A. Il'Inoi i Ia.M.Varshavskogo, pod red. E.B.Shpol'skogo. Moskva, Izd-vo inostrannoi lit-ry, 1953. 375 p.

(MLRA 6:8)
(Spectrum analysis)

IL'INAYA, V. D.

Agriculture & Plant & Animal Industry.

Insular breeding of fur-bearing animals. Moskva, "Mezhdunarodnaya Kniga", 1950.

Monthly List of Russian Accessions, Library of Congress, April 1952. Unclassified.

ILINCHEV, Georgi [Ilincev, G.]

Corrosion resistance of stainless chromium-nickel steels in sodium
as dependent on its oxygen content. Atom. energ. 14 no.4:375-
382 Ap '63. (MIRA 16:3)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut zashchity
materialov im. G.V.Akimova, Praga, Chekhoslovatskaya
Sotsialisticheskaya Respublika.
(Steel, Stainless) (Corrosion and anticorrosives)

Z/0038/64/000/001/0002/0011

ACCESSION NR: AP4015892

AUTHOR: Ilincev, Georgi (Ilinchev, G.)

TITLE: Corrosion resistance of steels in liquid sodium

SOURCE: Jaderna energie, no.1, 1964, 2-11

TOPIC TAGS: corrosion, liquid sodium, liquid-sodium-caused corrosion, steel, corrosion, stainless steel corrosion, chromium steel, corrosion resistance, chromium-nickel stainless steel, titanium-stabilized steel, Cr-stabilized steel

ABSTRACT: The author describes pilot-plant experience with the circulation of liquid sodium for heat extraction. Sodium was kept at a temperature of 550C and was circulated through the pipes at a velocity of 1.5 m/sec. Six kinds of chrome-nickel stainless steels, both welded and in sheet form, were studied. Experiments were conducted for 2000 hours. The oxygen content was continuously analyzed; experiments were conducted with a content of 0.003% and 0.04-0.05%.

Card 1/3

ACCESSION NR: AP4015892

The sodium was filtered through stainless steel felt with openings of 5-10 microns. During the work a slip stream was continuously passed through the filter at a flow velocity of 3 mm/sec. At the lower oxygen concentration the filter operated at 200C; at the higher, at 400C. Steels with Cr content below 3% were corroded the most; Ni content of over 18% and Mn over 8% increased the corrosion. Low-carbon ferritic steels stabilized with Ti and Cb were most resistant. Suitable steels showed a maximum even rate of corrosion of 5 microns; those with less than 2% of Cr suffered intercrystalline type of attack. This resulted in pits up to 60 microns deep. The cause of the intercrystalline penetration seemed to be removal of carbon and lack of stability of carbides in molten sodium. Oxygen content of 0.04% caused corrosion 5 to 7 times higher than content of 0.003%. The highest rate of corrosion found was 120 mg/sq.cm/month. Steels with less than 17% Cr lose carbon in contact with liquid Na. Mechanical properties of the 18-8 type stainless steels changed only very little after 2000 hours in liquid Na containing 0.04-0.05% oxygen. Orig. art. has: 18 figures, 2 tables.

ASSOCIATION: Státní výzkumný ústav ochrany materiálů G. V. Akimova (G. V.)

Card 2/3

ACCESSION NR: AP4015892

Akimov State Research Institute for Materials Conservation), Prague

SUBMITTED: 00

DATE ACQ: 03Feb64

ENCL: 00

SUB CODE: ML, NS

NO REF Sov: 005

OTHER: 007

Card 3/3

L 17499-63 EINP(q)/RDS APTTC/ASD JD

ACCESSION NR: AP3001442

2/01/34/63/000/005/01/34/0454

AUTHOR: Ilincev, G (Engineer); Cihal, V. (Engineer)

(p)

TITLE: Method of stabilizing ferritic steels

(p)

SOURCE: Hutnické listy, no. 6, 1963, 454

TOPIC TAGS: ferritic steel, steel stabilization, carbide, alkali resistance

ABSTRACT: The article is a review of Czech patent application PV 2539-61. Steels stabilized according to the invention show increased resistance to alkali metals. Stabilization is effected by using alloy metals Cb, Zr, Ta, Ti, Cr, V individually or in any combination. The stabilization of low-carbon steels is due to the formation of carbides that are thermally stable. The carbides formed are: CrC, Cb sub 4 C sub 3, TiC, ZrC, TeC, Cr sub 3 C sub 6, VC, V sub 4 C sub 3. When a sufficient quantity of the alloying metals is present iron carbide is not formed, and thus intercrystalline corrosion is prevented. Molted alkali metals do not extract carbon from such alloys. Not only is decarbonization prevented but the alloying metals resist corrosion of the steel by forming a thin layer of oxides, carbides and possibly nitrides on the surface. The prevention of corrosion entails the maintaining of the mechanical properties of the original steels in the presence of

Card 1/2

L 17499-63

ACCESSION NR: AP3001442

molten alkali metals.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 08Jul63

ENCL: 00

SUB CODE: ML

NO REF Sov: 000

OTHER: 000

Card 2/2

271-281
271-281 / 000000001110103
1964/06/09 10:00:00

Effect of temperature on composition of oxide layer formed by steel in liquid medium

TITLE: Effect of temperature on composition of oxide layer formed by steel in liquid medium.

SOURCE: Jaderná energie, No. 9, 1964, 271-281.

The effect of temperature on the composition of the oxide layer formed by steel in liquid medium was studied in the temperature range 300°C to 600°C. The oxidation time was varied from 30 to 300 hours. The composition of the oxide layer was determined by atomic absorption spectrometry. The results show that the composition of the oxide layer changes with temperature and time. At 300°C, the composition of the oxide layer is approximately 25% Cr, 25% Ni, and 50% Fe. At 400°C, the composition of the oxide layer is approximately 30% Cr, 20% Ni, and 50% Fe. At 500°C, the composition of the oxide layer is approximately 35% Cr, 25% Ni, and 40% Fe. At 600°C, the composition of the oxide layer is approximately 40% Cr, 30% Ni, and 30% Fe. The results indicate that the composition of the oxide layer is influenced by temperature and time, and that the composition of the oxide layer is not constant over the entire temperature range studied.

in the heat treated state. The heat treatment was conducted at 1000°C for 1 hour followed by air cooling. The mechanical properties were determined at 600 and 760°C. Low and medium carbon steels containing chromium or nickel in amounts of 0.40—1.60% were also tested, but showed a slight decrease in strength at the temperature of 760°C. No effect of annealing on the mechanical properties of the materials was observed.

It is recommended that the new heat treatment process be adopted for the production of aircraft structural components.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510014-5

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510014-5"

BOJOVIC, O.; ILINCIC, R.

Traces of hafnium in metal zirconium and zirconium oxide determined by the neutron activation analysis; abstract. Glas Rem dr 27 no.9/10:522 '64

1. Institute of Nuclear Raw Materials, Belgrade.

100% TESTED
TESTS OF 15 WIDELY USED
PRESSURE SENSORS

TOPIC TAGS: pressure sensor, potentiometric pressure sensor

ABSTRACT: THE CAPABILITY OF TESTING THE DYNAMIC CHARACTERISTICS OF 15 WIDELY USED
PRESSURE SENSORS IS DEMONSTRATED. THE TESTS ARE CONDUCTED ON A TEST STATION WHICH IS
CAPABLE OF GENERATING A PRESSURE PULSE AND MEASURING THE DYNAMIC RESPONSE OF THE
PRESSURE SENSOR.

REVIEWED BY THE AUTHOR - 10

Dynamic characteristics of the various sensors with regard to their sensitivity and detection limits up to 100 cps. All three sensors exhibited a linear response over a frequency range of 100 cps. The detection limits were approximately 100 cps. The natural frequencies of the sensors varied from 100 cps up to over 300 cps. From a practical standpoint, and with respect to the characteristics of the sensors are shown; three sensor types with natural frequencies of 600, 140, and 120 cps exhibited the best dynamic characteristics. The detection limits of these sensors were estimated from the frequency response curves.

Table I gives the results of the measurements and 4 conclusions.

TABLE I

DYNAMIC CHARACTERISTICS OF THE THREE SENSORS

Sensor Type	Natural Frequency (cps)	Detection Limit (cps)
1	600	100
2	140	100
3	120	100

OTHER DATA

WILHELM V. S.

ILINGIN, Vasiliy Safich; SHDOVA, Klavdiya Ivanovna

[Experience in growing good sunflower crops] Opyt poluchenija
vysokikh uroshaev podsolnichnika. [Kuibyshev] Kuibyshevskoe
knishnoe izd-vo, 1956. 15 p.
(Sunflowers)

APTEKAR', S.G.; BULINICH, A.A.

Effect of atherogenic diet on the activity of certain enzymes in
the blood and liver of rats. Vop. pit. 23 no. 4:45-55 N.D. '64.
(MIRA 18:6)

J. Laboratoriya klinicheskoy endokrinologii (zavod - prof. A.A.
Tchekrovskiy) Instituta fitochimii AMN SSSR, Moscow.

YEREMEYeva, Galina Fedorovna; ILINICH, Anna Yakovlevna; TKACHENKO,
Georgiy Stepanovich; ZVEREV, A.G., prof., red.; KHMELNINA, Ye.,
red.

[Principles of savings management] Osnovy sberegatel'nogo
dela. Moskva, Finansy, 1965. 107 p. (MINA 18:5)

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510014-5

~~ILIMICH, B.~~

Development of the merchant marine in Poland. Blok.agit.vod.
transp. no.5:43-45 Mr '56. (MLRA 9:8)
(Poland--Merchant marine)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510014-5"

BELOV, Yevgeniy Nikolayevich; PETROCHENKO, P.F., kand. ekonom. nauk,
red.; ILINICH, B.K., red.; KHARITONOVА, L.I., tekhn. red.

[Practical manual for the establishment of technical norms]
Prakticheskoe rukovodstvo po tekhnicheskому нормированию
truda. Pod red. P.F.Petrochenko. Moskva, Gos. izd-vo mest-
noi promyshl. i khudozh. promyslov RSFSR, 1961. 193 p.
(MIRA 15:4)

(Production standards)

SHEYKO, Sergey Sergeyevich; YANKELEVICH, Mikhail Nikolaevich;
ANAN'YEV, A.I., retsenzent; ZOLOTUKHIN, P.Ya., retsenzent;
ILINICH, B.K., red.; TRUSOV, N.S., tekhn. red.

[Accounting and calculation of production costs in a clothing factory] Uchet i kal'kulirovaniye sebestoimosti produktov shveinoi fabriki. Leningrad, Gosmestpromizdat, 1962. 195 p.
(MIRA 16:4)

(Clothing industry—Accounting)
(Costs, Industrial)

SERGIYEV, V.P.; ILINICH, B.K., red.; TRUSOV, N.S., tekhn. red.

[Organization of production at small and large capacity clothing enterprises] Organizatsiya proizvodstva na skveinykh predpriatiiakh srednei i maloi moshchnosti. Moskva, Gosbytizdat, 1963. 115 p. (MIRA 17:2)

KASTANAYEV, Kh.G.; YUR'IEV, N.M., inzh., retsenzent; IL'INICH, E.K.,
red.; DEMKINA, N.F., tekhn. red.

[Accounting of the work in the basic production shops and
areas of machinery plants] Uchet raboty osnovnykh proizvod-
stvennykh tsakhov i uchastkov mashinostroitel'nykh pred-
priatii. Moskva, Mashgiz, 1963. 138 p. (MIRA 16:6)
(Machinery industry--Accounting)

JL 101 C4 J 177
KAPIANSKIY, Yakov Lazarevich; IL'INICH, I.M., nauchnyy red.; KRUGLOV, S.A.,
red.; OILMSON, P.G., tekhn.red.

[Building yards with combines for concrete work] Poligon s betoni-
ryushchim kombainom. Moskva, Gos.izd-vo lit-ry po stroit.materiam.,
1957. 107 p.
(Precast concrete)

IL'INICH, I.M., inzh.

Large porous concrete construction elements. Stroi. mat. 5 no.6:
14-18 Je '59. (MIRA 12:8)
(Ural Mountain region--Precast concrete construction)

SIZOV, Vasiliy Nikolayevich, prof., doktor tekhn.nauk; BESSEMP, Iakov Ruvimovich, kand.tekhn.nauk; VASIL'IEV, Aleksandr Petrovich, kand.tekhn.nauk; IL'INICH, Ivan Mikhaylovich, nauchnyy red.; NIKOLAEVA, N.M., red.izd-va; OSENKO, L.M., tekhn.red.

[Making precast reinforced-concrete construction elements in construction yards] Izgotovlenie sbornykh shabesobetonnykh konstruktsii na poligonakh. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 250 p.

(MIRA 13:10)

(Precast concrete)

2821 Ilinich, M. I.

Vliyanie Medostatochnosti Vitaminina A Na Obmen mineralipykh Elementov. Chernovtsev,
1951. 16 s. 20 sm. (M-vo Vysshch. Obrazovaniya SSSR, Chernovits'kiy Gos. Un-t
Ko Fedra Biokhii). 100 EXZ. B. Ts -- (54-55109)

SOBCHUK, B.A.; ILINICH, M.I.

Effect of phosphoric, pyrophosphoric, and adenosinetriphosphoric acid on respiration of Ehrlich's ascitic cancer cells. Ukr. biokhim. zhur. 32 no.4:570-577 '60. (MIRA 13:9)

1. Kafedra biokhimii L'vovskogo meditsinskogo instituta.
(CANCER) (RESPIRATION) (PHOSPHATES)

SOBCHUK, B.A. [Sobchuk, B.O.]; ILINICH, M.I.

Mechanism of the effect of glucose on cell respiration in
Ehrlich ascites carcinoma. Ukr. biokhim. zhur. 33 no.4:551-562
'61. (MIRA 15:6)

1. Department of Biochemistry of Lvov Medical Institute.
(GLUCOSE) (CANCER)
(CELL METABOLISM)

GANITKEVICH, M.I. [Hanitkevych, M.I.]; ILINICH, M.I. [Il'inch, M.I.]; SOBCHUK, B.A.

Effect of adenosine triphosphate and pyrophosphate on carbohydrate metabolism in Ehrlich's ascitic cells and nuclear erythrocytes.
Ukr. biokhim. zhur. 35 no.6:909-917 '63. (MIRA 18:7)

1. Kafedra biokhimii L'vovskogo gosudarstvennogo meditsinskogo instituta.

Gorbovitskiy, E. B., Mushegyan, S. A., Il'inich, V. I., Filimonov, S. I., and
Martynov, L. N.

"A simple artificial respirator for experimental purposes."
Novye khirurgicheskie apparaty i instrumenty i obvyt ikh primeneniya.
No. 2, 1958, p. 136

Il'инич, В. И.

"The preparation of dogs for operations and the postoperative care of these dogs in testing the AIK apparatus." Novye khirurgicheskie apparaty i instrumenty i opyt ikh primeneniya, No. 2, 1958, p. 136
/958

ILINICH, V.K.

Characteristics of the course of peptic ulcer complicated by
lambliasis of the biliary tract. Terap.arkh. no.8: 38-40 '62.
(MIRA 15:12)

1. Nauchnyy rukovoditel' raboty - kand.med.nauk I.N. Bykhalovskiy.
(PEPTIC ULCER) (GIARDIASIS) (BILIARY TRACT-DISEASES)

ILINICH, Yu.

Poland - Economic Conditions

Development of the national economy of the reunited lands of Poland. Geogr. v
shkole No. 1, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

ILINICH, Yu.V.

Expansion of the mineral resources base of Polish industry
during the six-year plan period (1950-1955). Geog. v. shkole
18 no.3:65-57 My-Je '55. (MLRA 8:9)
(Poland-Mines and mineral resources)

LENTSEVICH, Stanislav [Lencewicz, Stanislaw], prof. [deceased]; KONDRAKSKIY,
IEZHI [Kondracki, Jerzy], prof.; ILINICH, Yu. V. [translator];
RADYILLOVICH, K.A. [translator]; TSSIMOVICH, In.N. [translator];
KAMANIN, L.G., red.; RENTYUM, Yu.Ia., red.; SMIRNOVA, N.I., tekhn.red.

[Physical geography of Poland] Fizicheskaya geografiya Pol'shi.
Obrabotal i dopolnil Eshi Kondratskii. Pod red. L.G.Kamanina.
Moskva, Izd-vo inostr.lit-ry, 1959. 398 p. (MIRA 12:9)

1. Geograficheskiy institut Varshevskogo universiteta, kafedra
fizicheskoy geografii (for Kondratskiy).
(Poland--Physical geography)

ILINICH, Yu.V.

"Geography of the distribution of population" [in Polish] by
Leszek Kosinski. Reviewed by IU.V.Ilinich. Vop. geog. no.56:
206-208 '62. (MIRA 15:7)
(Demography--Textbooks) (Kosinski, Leszek)

ILINICH, Yu.V.

"Geographical environment of Poland. Geographical prerequisites for
the development of the national economy" by J.Kostrowicki. Reviewed
by Iu.V.Ilinich. Izv. Vses. geog. ob-va 95 no.4:377-378 Jl.-Ag
'63. (MIRA 16:9)

(Poland—Geography) (Kostrowicki, J.)

ACCESSION NR: AT4019314

S/0000/63/003/001/0172/0174

AUTHOR: Kitaygorodskiy, I. I.; Il'Inichnina, M. D.

TITLE: An electron microscopic investigation of the structure of various glassy-crystalline materials

SOURCE: Simpozium po stekloobraznomu sostoyaniyu. Leningrad, 1962. Stekloobraznoye sostoyaniye, vykh. 1: Katalizirovannaya kristallizatsiya stekla (Vitreous state, no. 1: Catalyzing crystallization of glass). Trudy simpoziuma, v. 3, no. 1. Moscow, Izd-vo AN SSSR, 1963, 172-174, insert pages between p. 168 and 169

TOPIC TAGS: glass, glassy-crystalline material, glass structure, electron microscopy, calcium fluoride, sodium fluosilicate, slag

ABSTRACT: Glasses obtained from metallurgic slags were investigated with the TESLA BS 242A electron microscope at a voltage of 60 kv and a magnification of about 6000 X. The cleavage plane and the conditions of investigation are described. Slag ceramics with a fine-grain structure and a crystal length ranging from 0.1 to 2 microns were test samples. The electron photomicrographs of the fracture plane of slag glassy-crystalline materials obtained with different additives by the same thermal treatment (950C, 3 hours) are shown. It was found that
Card 172

ACCESSION NR: AT4019314

the addition of 25% Na_2SiF_6 leads to the formation of a microcrystalline structure and that the principal crystalline phases are calcium fluoride (CaF_2) and anorthite ($\text{CaO}\cdot\text{Al}_2\text{O}_3\cdot2\text{SiO}_2$). A decrease in the amount of sodium fluorosilicate led to an increase in the size of the anorthite lamellae to a length of 2μ . With the addition of TiO_2 the crystals became rod-shaped and drop-shaped. Roentgenographic analysis of this crystalline phase showed titanite ($\text{CaO}\cdot\text{TiO}_2\cdot\text{SiO}_2$). The slag ceramic material with the best mechanical properties was characterized by a densely packed microcrystalline structure with a particle size of $0.1\text{-}0.3 \mu$. Orig. art. has: 4 figures.

ASSOCIATION: none

SUBMITTED: 17 May 63

DATE ACQ: 21 Nov 63

ENCL: 00

SUB CODE: MT

NO REF Sov: 000

OTHER: 000

Card 2/2

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510014-5

KITAYGORODSKIY, I.I.; IL'INICHINA, M.D.

Electron microscopy of the structure of certain pyroceramic materials.
Stekloobr. sost. no.1:172-174 '63. (MIRA 17:10)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618510014-5"

IL'INIKH, G.

PA 167160

USSR/Radio - Wired Radio
Vacuum Tubes

Issue 50

"Advisability of Using V-200 Tubes Instead of
VG-129 Gas Tubes," G. Il'inikh

"Radio" No 8, p 31

Advise replacing VG-129 gas tubes, which are
liable to break down in TU-500 wired radio in-
stallations, with V-200 tubes. Rectifiers
with four to six V-200 tubes give good perform-
ance and supply TU-500 amplifiers with necessary
1,500-1,700 v rectified voltage.

167160

IL'INITSKIY, L.V.; TRET'YAKOVA, G.I., kand. biolog. nauk; KHADZHINOV, N.I.;
BABAYEV, P.A., kand. biolog. nauk; BAGIROV, M.M., mладший
научный сотрудник

Brief information. Zashch. rast. ot vred. i bol. № 5:56
'64. (MIRA 17:6)

1. Berezovskiy fito-entomologicheskiy sortosuchastok, Odesskaya
obl. (for Il'initskiy). 2. Stavropol'skiy sel'skokhozyaystvennyy
institut (for Tret'yakova, Khadzhinov). 3. Laboratoriya immuniteta
Azerbaydzhanskogo instituta zashchity rasteniy, Kirovabad (for
Babayev, Bagirov).

IL'INITSKII, L.Ya.

Differentiating the volt-ampere characteristics of electron
tubes. Izv.vys.ucheb.zav.: radiotekh. 2 no.4:405-413
J1-4g '59. (MIRA 13:2)

1. Rekomendovana kafedroy teoreticheskoy radiotekhniki
L'vovskogo politekhnicheskogo instituta.
(Electron tubes)

DAVIDOVICH, S.K., kandidat ekonomicheskikh nauk; IL'INOBORSKAYA, M.A.,
inzhener-ekonomist; MAKAROVA, G.I., student-diplomat.

Mass automatic photometry of the workday at the Leningrad
Tire Plant. Trudy LIMI no.9:37-45 '55. (MLRA 9:9)

1. Leningradskiy shchegly uved (for Il'inoborskaya).
(Time study) (Tires, Rubber)

PET'IR ILINOV

BULGARIA / Chemical Technology, Chemical Products and Their
Application. Part 3. "Industrial Synthesis of Dyes."

H-15

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12226.

Author : Iliya Kurdov, Pet'ir Ilinoi, Lyubomir Antonov.

Inst : Not given

Title : Notes Concerning The Production of the Dye Substantive Black.

Orig Pub : Tezhka promishlenost, 1956, 5, No 8, 34 - 38.

Abstract : The substantive black dye consists mainly of trisazodye
m-phenylenediamine → benzidine (acid) → 1-amino-8-naphthol-
-3,6-disulfo acid → (alk.) aniline with the admixture of
at least 5 other secondary azo-dyes. In order to improve
its quality and to obtain it with a possibly low content of
secondary azo-dyes, it is recommended to use possibly pure

Card 1/2

ILINOV, F.

Efficient method of producing tint, production of chromotropic acid.

P. 32, (Teshka Promishlenost) Vol, no. 5, May 1957 Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

ILINOV, P.; MIKHAILOVA, S.

"Aminosalicylic acid; 2-hydroxy-5-aminobenzoic acid."

Khimiia i industriia. Sofiia, Bulgaria. Vol. 30, no. 3, 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Uncle

Country : Bulgaria
Category : Organic Chemistry. Synthetic Organic Chemistry G
J.our. : Ref Zhur-Khimiya, No.12, 1959, №.42389
Author : Il'инов, P., Mikhaylova, St.
Institut. : Not given
Title : Aminosalicylic acid (2-oxy-5-methoxybenzenecarboxylic acid).
Orig. Pub. : Khimiya i industriya (Bulg.), 1958, 30, №.4, 118-120
Abstract : 2-HO-5H₂C₆H₃COOH (I), an important intermediate product in obtaining metal-containing dyestuffs, is synthesized from 2-HO-C₆H₄COOH (II) by the action of C₆H₅N₂Cl (III) and by the reduction of the resulting 2-HO-5-C₆H₄N=N-C₆H₃COOH (IV). 30 g of 95% II are dissolved in 150 ml. of 20% NaOH; ice and water are added to bring the mixture to 300 ml.; III (from 20 g of 96% aniline, 14 g of NaNO₂ and 50 ml. of HCl (d 1.14) is added at 25° over a period of 1 hour; the mixture is
Carb: 1/3

Country : Bulgaria
Category : Organic Chemistry, Synthetic Organic Chemistry

Abs. Jour. : Ref. Zhur-Khimiya, No.12, 1959, No. 42389

Author :
Institut. :
Title :

Oriz. Pub. :

Abstract : then stirred for 30 minutes in the presence of a very small excess of II (test sample from 4-N0₂C₆H₄N₂Cl); it is then acidified (25 g of H₂SO₄ and 5 g of 70% CH₃COOH); 64 g of IV (moisture content 8%) are obtained. 42 g of Na₂S₂O₄ are gradually added to 800 ml. of aqueous solution containing 32 g of unpurified IV and 80 ml. of 20% NaOH, and heated to 85-90°. The mixture is boiled while distilling off the resulting aniline (the volume of the distillate is about 700ml.) and adding water in such an

Card: 2/3

IIINOV, P.

1-amino-anaphthol-4-sulphonic acidⁿotes on diazotization and cupellation with it. p.27

TEZHKA PROMISHLENOST. (Ministerstvo na tezhkata promishlenost) Sofia, Bulgaria
Vol. 8, no. 9, Sept. 1959.

Monthly List of East European Accessions (EEAL) LC, Vol. 9, No. 2, Feb. 1960.
UNCL

~~Surname (in cap), Given Names~~

Country: Bulgaria

Academic Degrees: not indicated

Affiliation: not indicated

Source: Sofia, Biologiya i Khimiya, No 2, 1961, pp 60-62

Data: "Chemical Achievements in 1960."

VASILEV, Encho; ILINOV, Petur

Some achievements of chemistry in 1961. Biol i khim 4 no.2:54-
56 '62.

IL'INOV, S.P.; NOVAK, D.D., kandidat veterinarnykh nauk; LAVRUSHKO, T.A.;
SHULOV, V.V.; KLIMOV, N.D.

Crowfeet poisoning showing clinical aspects of a bradset-type
disease. Veterinariia 32 no.3:79-84 Mr '55. (NIRA 8:4)

1. Direktor Yuzhno-Kazakhstanskoy NIVOS (for Il'inev). 2. Starshiy
nauchnyy etrudnik NIVOS (for Novak). 3. Veterinarnyy vrach NIVOS
(for Lavrushko). 4. Glavnyy veterinarnyy vrach Chinkentskogo uprav-
leniya sovkheshov (for Shulev). 5. Direktor Chinkentskoy meshsovkhes-
ney vетbakkaberaterii (for Klinev).
(SHEEP--DISEASES) (CROWFOOT--TOXICOLOGY)

IL'YINOV
S.
P.

Country : USSR
Category : Diseases of Farm Animals. Diseases Caused by
 Bacteria and Fungi
Abo. Jour. : Ref Zhur-Biol, No 23, 1958, No 105830

Author : Il'yinov, S. P.
Institut. : Kazakh Scientific Research Veterinary Institute
Titlc : Pyobacillary Infection in Sheep

Orig. Pub. : Tr. Kazakhsk. n.-i. vet. in-ta, 1957, 9, 280-
 299

Abstract : The author studied suppurative infections of
 lambs and sheep, occurring in the form of poly-
 arthritis, paraplegia, subcutaneous abscesses,
 phlegmons, suppurative pneumonias and pleuritis,
 which can be observed during the summer period
 in some republics of Central Asia. The disease
 is due to penetration of the infection through
 suppurative pyo-saprogenic wounds caused by
 ticks and flies, and mechanical injuries. The
 principal component of the secreted microflora

Card: 1/2